

Appendix A

ABSTRACT OF THE DISCLOSURE

The invention transports data across multiple data channels. Lesser width parallel data words containing parallel data from a greater width parallel data word are concurrently generated such that all adjacent bits of the greater width parallel data word are contained in different ones of the lesser width parallel data words. The number of bits in the greater width parallel data word is greater than the number of bits in each of the lesser width parallel data words. Parallel data representative of the lesser width parallel data words in each of the lesser width parallel data words may be scrambled. The parallel data is serialized and the serialized data words are transmitted over corresponding distinct serial data channels.